

What Is Claimed Is:

1. A process for preparing a water- and oil-repellent, antistatic composition comprising the steps of (a) combining (i) at least one nonpolymeric
5 ionic salt consisting of at least one cation and at least one anion, said cation being selected from the group consisting of monovalent metal cations, divalent metal cations, and organic onium cations, and said anion being a weakly coordinating anion, the conjugate acid of said anion having an acidity greater than or equal to that of a hydrocarbon sulfonic acid, and with the proviso that said anion is organic
10 or fluoroorganic when said cation is a metal, (ii) at least one fluorochemical repellent, and (iii) at least one thermoplastic polymer; and (b) melt processing the resulting combination.

2. The process of Claim 1 wherein either said ionic salt or said
15 fluorochemical repellent is combined with said thermoplastic polymer, and the other is topically applied to the surface of the resulting melt-processed combination.

3. A process for preparing a water- and oil-repellent, antistatic
20 composition comprising the steps of (a) combining (i) at least one nonpolymeric ionic salt consisting of at least one cation and at least one anion, said cation being selected from the group consisting of monovalent metal cations, divalent metal cations, and organic onium cations, and said anion being a weakly coordinating anion, the conjugate acid of said anion having an acidity greater than or equal to
25 that of a hydrocarbon sulfonic acid, and with the proviso that said anion is organic or fluoroorganic when said cation is a metal, (ii) at least one fluorochemical repellent, and (iii) at least one thermosetting polymer or ceramer or the reactive precursors of said polymer or ceramer; and (b) allowing the resulting combination to cure.

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4. A process for preparing a water- and oil-repellent, antistatic composition comprising the step of applying a topical treatment composition to at

least a portion of at least one surface of at least one insulating material, said topical treatment composition comprising (a) at least one nonpolymeric ionic salt consisting of at least one cation and at least one anion, said cation being selected from the group consisting of monovalent metal cations, divalent metal cations, and organic onium cations, and said anion being a weakly coordinating anion, the conjugate acid of said anion having an acidity greater than or equal to that of a hydrocarbon sulfonic acid, and with the proviso that said anion is organic or fluoroorganic when said cation is a metal; and (b) at least one fluorochemical repellent.

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5. The process of Claim 4 wherein a first topical treatment composition comprises said ionic salt, a second topical treatment composition comprises said fluorochemical repellent, and said first and second topical treatment compositions are sequentially applied to said portion of said surface.

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6. A process for preparing a water- and oil-repellent, antistatic composition comprising the steps of (a) dissolving (i) at least one nonpolymeric ionic salt consisting of at least one cation and at least one anion, said cation being selected from the group consisting of monovalent metal cations, divalent metal cations, and organic onium cations, and said anion being a weakly coordinating anion, the conjugate acid of said anion having an acidity greater than or equal to that of a hydrocarbon sulfonic acid, and with the proviso that said anion is organic or fluoroorganic when said cation is a metal, (ii) at least one fluorochemical repellent, and (iii) at least one insulating material in at least one solvent; (b) casting or coating the resulting solution on at least one substrate; and (c) allowing evaporation of said solvent.

7. A process for preparing a water- and oil-repellent, antistatic composition comprising the steps of (a) combining (i) at least one nonpolymeric ionic salt consisting of at least one cation and at least one anion, said cation being selected from the group consisting of monovalent metal cations, divalent metal cations, and organic onium cations, and said anion being a weakly coordinating

anion, the conjugate acid of said anion having an acidity greater than or equal to that of a hydrocarbon sulfonic acid, and with the proviso that said anion is organic or fluoroorganic when said cation is a metal, (ii) at least one fluorochemical repellent, and (iii) at least one monomer; and (b) allowing polymerization of the

5 monomer to occur.